



6,213,651 B1 ~~having Attorney Docket No. 003918.P002,~~ all of which are to be assigned to E2O Communications, Inc."

Page 4, line 9, please amend the paragraph starting there-at as follows:

"Figure 4A is an exploded view ~~for~~ from the rear of an embodiment of a hot pluggable fiber optic module."

Page 4, line 11, prior to "Figure 5 ...", please insert the following two paragraphs:

"Figure 4B is a magnified view of a side of a male electrical connector to provide hot pluggability.

Figure 4C is a magnified view of another side of the male electrical connector to provide hot pluggability."

Page 5, line 3, prior to "Figures 10A-10E ...", please insert the following paragraph:

"Figures 9A-9I are various views of an embodiment of a kicker-actuator for fiber optic modules."

Page 5, line 3, please amend the paragraph starting there-at as follows:

"Figures 10A-10G ~~10E~~ are views of a subassembly of the fiber optic modules of Figures 7A-7D illustrating the pull-actuator of Figures 7A-7F 8A-8G and the kicker-actuator of Figures 9A-9I assembled ~~coupled~~ to the nose receptacle ~~of~~

~~Figures 8A-8E and the optical port of Figures 9A-9E of fiber optic modules."~~

Page 42, line 25, please amend the paragraph starting there-at as follows:

"The pull-actuator ~~202~~ 2202 may also include an optional orientation indicator 2404 which serves to indicate the nose receptacle which the corresponding pull-actuator releases. One implementation in which the orientation indicator 2404 is useful is where the fiber optic modules are configured in a belly-to-belly configuration."

Page 43, line 24, please amend the paragraph starting there-at as follows:

"When the fiber optic module is fully engaged or secured to the cage assembly or module receptacle, the first keeper 2502 couples to an opening 1105 in the cage assembly latch 1102. The second keeper 2504 couples to the catch or opening 2416 in the pull-actuator 2202. The second keeper 2504 includes a ramped sliding surface 2508 which causes the pivot-arm actuator 2204 to rotate or pivot when the pull-actuator 2202 is pulled. The edge on the pull-actuator ~~2002~~ 2202 on which the ramped sliding surface 2508 pivots may be rounded in one embodiment."

Page 45, line 17, please amend the paragraph starting there-at, which continues over to page 47, as follows:

"Figures 29A-29I illustrate yet another alternative embodiment of the pivot-arm actuator 2204'. In this embodiment the pivot-arm actuator 2204' further includes a spring 2912. According to various embodiments the spring 2912 may be formed from the same material as the pivot-arm actuator 2204' or it may be a separate component coupled to the pivot-arm actuator 2204'. The spring 2912 may be any kind of spring including a coil spring, leaf spring, carriage spring, compression spring, conical spring, helical spring, volute spring, spiral spring, scragged spring, and other well known types of springs. The pivot-arm actuator 2204' is pivotally coupled to the body of the nose receptacle 2200' by means of a pivoting pin 2906."

Page 47, line 10, starting there-at, please amend the 9 consecutive paragraphs which end at page 48, line 20, as follows:

"Figure 32A shows a pull-actuator 2202A' with a pivoting pull-ring 3202A pivotally coupled to the pull-arm 3206. The direction in which the pull-ring 3202A pivots is indicated by the arrows. In this embodiment, the pull-ring 3202A is horizontal with the pull-actuator 2202A'. A user pulls on the pivot-ring 3202A to retract the pull-actuator 2202A' ~~2002A'~~.

Figure 32B shows a pull-actuator 2202B' with another pivoting pull-ring 3202B pivotally coupled to the pull-arm 3206. In this embodiment, the pull-ring 3202B is vertical with the pull-actuator 2202B'. The arrows indicate the direction in which the pull-ring 3202B pivots. A user pulls

on the pivoting pull-ring 3202B to retract the pull-actuator 2202B' ~~2002B'~~.

Figure 32C shows a pull-actuator 2202C' with a fixed pull-ring 3202C coupled to the end of the pull-arm 3206. The pull-ring 3202C is horizontal with the pull-actuator 2202C'. A user pulls on the pull-ring 3202C to retract the pull-actuator 2202C' ~~2002C'~~.

Figure 32D shows a pull-actuator 2202D' with another fixed pull-ring 3202D coupled to the end of the pull-arm 3206. The pull-ring 3202D is vertical with the pull-actuator 2202D'. A user pulls on the pull-ring 3202D to retract the pull-actuator 2202D' ~~2002D'~~.

Figure 32E shows a pull-actuator 2202E' with another fixed pull-ring 3202E coupled to the end of the pull-arm 3206. The pull-ring 3202E is at an angle to the pull-actuator 2202E'. A user pulls on the pull-ring 3202E to retract the pull-actuator 2202E' ~~2002E'~~.

Figure 32F shows a pull-actuator 2202F' with pull-square 3202F coupled to the end of the pull-arm 3206. The pull-square 3202F is horizontal with the pull-actuator 2202F'. A user pulls on the pull-square 3202F to retract the pull-actuator 2202F' ~~2002F'~~.

Figure 32G shows a pull-actuator 2202G' with a pull-hook 3202G at the end of the pull-arm 3206. A user pulls on the pull-hook 3202G to retract the pull-actuator 2202G' ~~2002G'~~.

Figure 32H shows a pull-actuator 2202H' with a pull-button 3202H coupled to the end of the pull-arm 3206. A user pulls on the pull-button 3202H to retract the pull-actuator 2202H' ~~2002H'~~.

Figure 32I shows a pull-actuator 2202I' with a pull-knob 3202I coupled to the end of the pull-arm 3206. A user pulls on the pull-knob 3202I to retract the pull-actuator 2202I' ~~2002I'~~."

Page 48, line 25, please amend the paragraph starting there-at, which continues over to page 49, as follows:

"Referring now to Figures 33A-33D, various views of a belly-to-belly mounting configuration for another embodiment of the invention is illustrated. The fiber optic module illustrated in Figures 32A-32D employ pull-actuators 2202 and 2202', or their equivalents, illustrated in Figures 24 and 28. In Figures 32A-32D, the pull-actuators 2202A and 2202B are designed such that they do not interfere with each other when the fiber optic modules and their respective nose receptacles 2200A and 2200B are stacked as shown. This belly-to-belly configuration for fiber optic modules is described with reference to Figures 17A-17D above; that description applies to fiber optic modules employing the pull-actuators (i.e., 2202 and 2202') described herein."

Page 54, line 16, please amend the paragraph starting there-at as follows:

"Figure 39A illustrates a bail latch 3404A' in which the pivot pin 3406 is ~~replac~~ replaced with two smaller pins 3406A' that do not extend across the width of the bail latch 3404A'. The bail latch 3404A' includes the actuating tab 3410."

Page 54, line 19, please amend the paragraph starting there-at as follows:

"Figure 39B illustrates a latch 3404B' with a partial pull arm 3504B' coupled to a lever 3901 instead of a complete bail latch pull arm. The bail latch 3404B' may include a pair of pivot pins 3406B' instead of the pivot pin 3406."

Page 54, line 32, please amend the paragraph starting there-at as follows:

"Figure 39E illustrates a bail latch 3404E' with a semi-circular ~~[[a]]~~ pull arm 3504E'."

Page 55, line 7, please amend the paragraph starting there-at as follows:

"Figure 39H illustrates a bail latch 3404H' with holes 3902 rather than pins. The fiber optic module or nose receptacle provides pins or protrusions which fit through the holes 3902 to pivotally couple the latch 3404H' to the fiber optic module."